

Aero Design Ltd.**Work Order Control Sheet**Work Order#: **2017-145** Date Opened: **31 August 2017** Title: **Fabrication**Aircraft OEM: **Eurocopter** Aircraft Model: **AS350/355** Product Type: **Cargo Basket Body** Product Model: **Medium Hoops** Quantity: **50****Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

JF/JR
N/A
JF/JR
JF/JR
N/A
N/A
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

JC
JC

Drawing List

Drawing #	Rev #	Description	Initial or N/A
76421	1	Regular Hoop	JF/JR

Traveller**Component Completion**

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

50
N/A
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Tracking Tags (White) Completed
Parts Placed in Stores for Distribution

Initial or N/A

N/A
N/A
JC
N/A
N/A
N/A

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

JR
N/A
N/A

Work performed by:

Print: J. Francis / J. Rekve

ICC / Dual Inspection preformed by:

Print: J. Clarke

Work Order closed by:

Print: J. Clarke

Approved Manufacturing Facility 73-04

Sign:

Sign:

Sign:

Form 20.D.03

SCA: AD01SCA: AD02SCA: AD02Date: 27-Oct-17Date: 30-Oct-17Date: 30-Oct-17

Rev. Original 23 Sep 2014



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

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AMF 73-04

Nomenclature: Hoop (A5350 Std) No. of pieces: 50

Manufacturer: AERO DESIGN LTD.

Part No.: 76421-01 Serial/Batch No.: PO 17082

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2017-145

Remaining Tasks to be Performed: NONE

Signature: [Signature]

Date: 30 OCT 2017 Lic. No. / SCA A002

Serviceable



Aero Design Ltd.

AMF 73-04

9888 A Malaspina Rd.

Powell River, BC

Canada

V8A 0G3

Complete Fabrication Instructions

This sheet is designed to assist in the fabrication of Aero Design products in accordance with the company Manufacturing Policy Manual, the Canadian Aviation Regulations and other applicable technical documentation.

The reference column of the following table is for reference unless a specific instruction is called out.

The initial columns serve one column per component fabricated on the applicable work order.

Nomenclature: AS350 Standard Basket Hoop Work Order #: 2017-145

Number of Units: 50

Model	Requirements	Reference	Initial				
AS350	Review LOEP to ensure most current technical specifications	N/A					
AS350	Cut a piece of material to 48 3/16" with one end at 90 degrees and the opposite end at 16 degrees.	N/A	JF	JF	JF	JF	OK
AS350	From the 90 degree end, mark the tube at 12 3/16 with the short side of the angle end facing you.	N/A	JF	JF	JF	JF	OK
AS350	Slide stock tube through bending die up to mark, short side of angled cut to you, excess length of tube to your left.	N/A	JF	JF	JF	JF	OK
AS350	Rotate bending arm clockwise until contact is made with the stop using slow and consistent pressure.	N/A	JF	JF	JF	JF	OK
AS350	Set bend angle to 90 degrees on the scale with a .050" shim added to the stop.	N/A	JF	JF	JF	JF	OK
AS350	At the longest point of the 16 degree end measure 14 1/16" and mark.	N/A	JF	JF	JF	JF	OK
AS350	Slide stock tube through bending die up to mark, with the previous bend to your left.	N/A	JF	JF	JF	JF	OK
AS350	Rotate bending arm clockwise until contact is made with the stop using slow and consistent pressure.	N/A	JF	JF	JF	JF	OK
AS350	Check finished part on the wood jig to ensure correct.	N/A	JF	JF	JF	JF	OK
AS350	Mark part with work order number	N/A	JF	JF	JF	JF	OK
AS350	Record the purchase ordernumber of the material in the work order package	N/A	JF	JF	JF	JF	OK

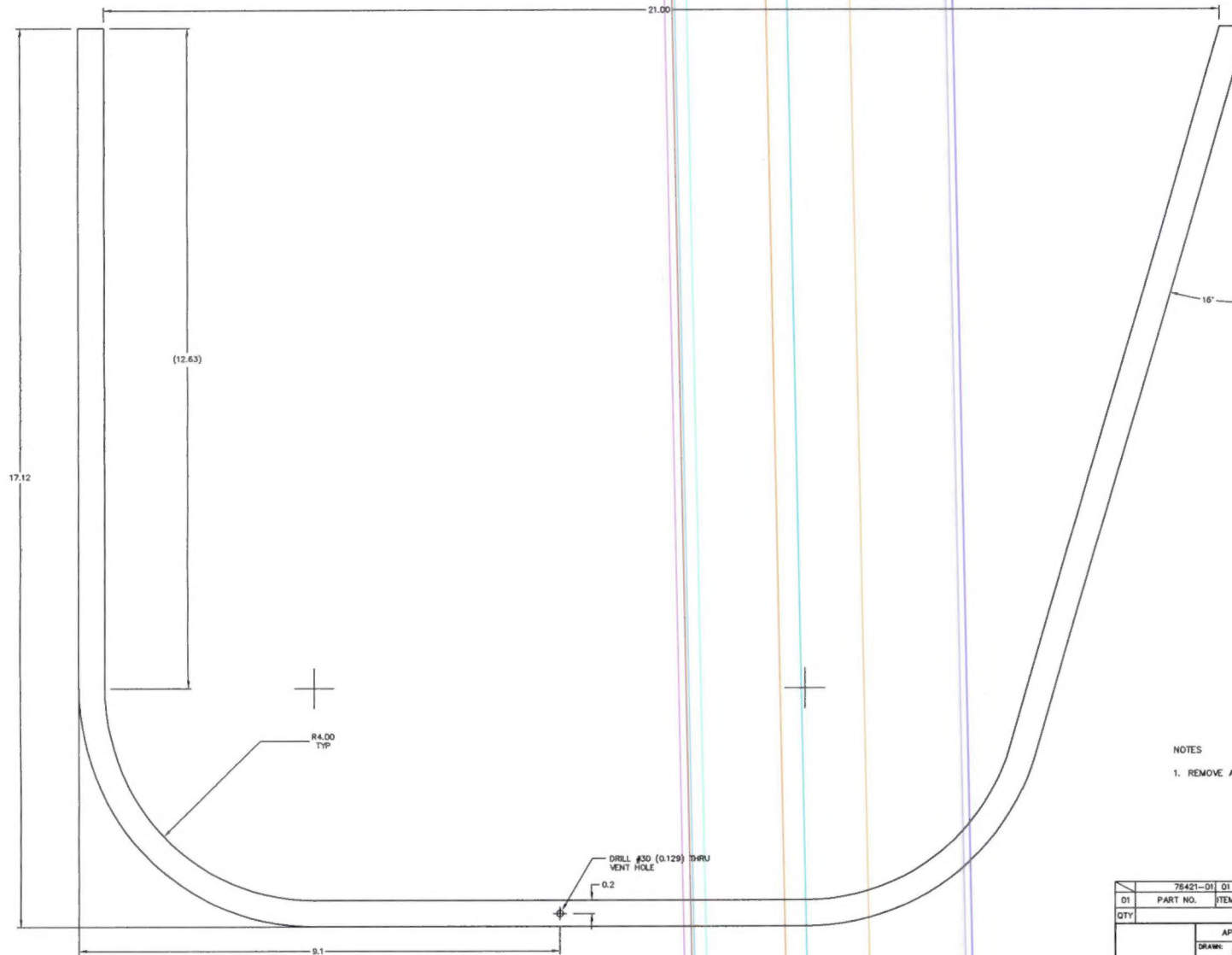
Post Fabrication Inspection

Inspect components to ensure conformity to the applicable design data.

Signature: [Signature] SCA AM22


Date: 23 Oct 2017

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; NOTE 2 REMOVED; ADD VENT HOLE	BJC	11/07/2014



NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.

01 HOOP
SCALE 1 : 1

76421-01 01 HOOP		4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 SQR TUBE		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					
APPROVALS		DATE		 AERO DESIGN LTD. 8888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804-463-8278 www.aerodesign.ca		
DRAWN: R. RATHWELL		24 JAN 06				
CHECKED: E. BURGON						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1						
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.		
SHEET 1 OF 1		A1	76421	1		



WO# 2017-145

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013